

PTO/SB/08A (07-05)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 10**Complete if Known**

Application Number	10/051,612
Filing Date	January 16, 2002
First Named Inventor	BROWN ELLIOTT, Candice Helle
Art Unit	2676
Examiner Name	CASCHERA, Antonio A
Attorney Docket Number	CLRV-003

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AC		US- 4,439,759	03-27-1984	Fleming	—
AC		US- 5,010,413	04-23-1991	Bahr	—
AC		US- 5,062,057	10-29-1991	Blacken et al	—
AC		US- 5,189,404	02-23-1993	Masimo et al	—
AC		US- 5,196,924	03-23-1993	Lumelsky et al	—
AC		US- 5,416,890	05-16-1995	Beretta	—
AC		US- 5,438,649	08-01-1995	Ruetz	—
AC		US- 5,448,652	09-05-1995	Vaidyanathan et al	—
AC		US- 5,450,216	09-12-1995	Kasson	—
AC		US- 5,477,240	12-19-1995	Huebner et al	—
AC		US- 5,485,293	01-16-1996	Robinder	—
AC		US- 5,646,702	07-08-1997	Akinwande et al	—
AC		US- 5,719,639	02-17-1998	Imamura	—
AC		US- 5,724,442	03-03-1998	Ogatsu et al	—
AC		US- 5,731,818	05-24-1998	Wan et al	—
AC		US- 5,739,802	04-14-1998	Mosier	—
AC		US- 5,917,556	06-29-1999	Katayama	—
AC		US- 5,933,253	08-03-1999	Ito et al	—
AC		US- 6,054,832	04-25-2000	Kunzman et al	—

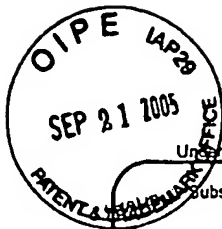
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
AC		JP 2004004822	08-01-2004	Ko et al	Fully English	✓
AC		WO 2004/021323 A2	03-11-2004	Rho et al	—	
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AC		WO 00/65432 A2	11-02-2000	Thielmans et al	—	

Examiner Signature	Date Considered
<i>[Signature]</i>	11/21/05

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Sheet 2 of 10**U. S. PATENT DOCUMENTS**

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AL		US- 6,108,053	08-22-2000	Pettitt et al	
AL		US- 6,151,001	11-21-2000	Anderson et al	
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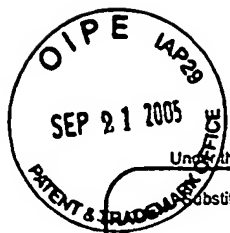
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AL		DE 201 09 354 U1	09-13-2001	Giantplus Technology Co.,		
AL		DE 299 09 537 U1	10-14-1999	Phan		

Examiner Signature	<i>Antonio A. Caschera</i>	Date Considered	11/21/05
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AL		US- 6,801,220 B1	10-05-2004	Greier et al	—
AL		US- 6,833,890 B2	12-21-2004	Hong et al	—
AL		US- 6,850,294 B2	02-01-2005	Roh et al	—
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AL		US- 6,714,206 B1	03-30-2004	Martin et al	—
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AL		US- 5,903,366	05-11-1999	Hirabayashi et al	—
AL		US- 5,929,843	06-27-1999	Tanioka	—
AL		US- 6,714,243 B1	03-30-2004	Mathur et al	—

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
AL		JP 2001203919	07-27-2001	Hayakawa	Abstract only	✓
AL		W0 97/23860	07-03-1997	Odmark	—	
AL		EP 0 322 106 A2	06-28-1989	Gibbons	—	
AL		JP 60-107022	06-12-1985	Hamada	Abstract only	✓
AL		JP 03-036239	05-30-1991		—	
AL		JP 03-78390	11-29-1999	Ishitani	Fully English	✓

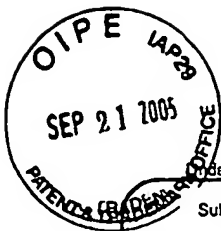
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Sheet 4

of 10

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AL		US- 6,781,626 B1	08-24-2004	Wang	
AL		US- 2004/0021804 A1	02-05-2004	Hong et al	
AL		US- 2004/0085495 A1	05-06-2004	Roh et al	
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AL		US- 2004/0114046 A1	06-17-2004	Lee et al	
AL		US- 2004/0169807 A1	09-02-2004	Rho et al	
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AL		DE 199 23 527 A1	11-22-2000	Bohlendorf	Fully English	✓

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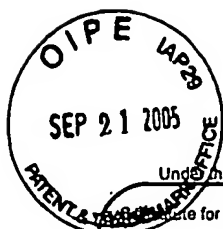
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/051,612
		Filing Date	January 16, 2002
		First Named Inventor	BROWN ELLIOTT, Candice Hellen
		Art Unit	2676
		Examiner Name	CASCHERA, Antonio A
Sheet 7	of 10	Attorney Docket Number	CLRV-003

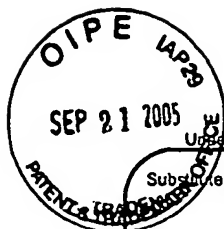
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
AC.		Brown Elliott, C, "Co-Optimization of Color AMLCD Subpixel Architecture and Rendering Algorithms," SID 2002 Proceedings Paper, May 30, 2002	1
AC.		Brown Elliott, C, "Development of the PenTile Matrix™ Color AMLCD Subpixel Architecture and Rendering Algorithms", SID 2003, Journal Article	1
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Examiner Signature	<i>Antonio A Caschera</i>	Date Considered	11/21/05
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**INFORMATION DISCLOSURE  
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Sheet	8	of	10	Application Number	10/051,612
				Filing Date	January 16, 2002
				First Named Inventor	BROWN ELLIOTT
				Art Unit	2676
				Examiner Name	CASCHERA, Antonio A
				Attorney Docket Number	CLRV-003

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AL		Brown Elliott, C., "Active Matrix Display....", IDMC 2000, 185-189, 8/2000.	—
AL		Okumura et al., "A New Flicker-Reduction Drive Method for High Resolution LCTVs", SID Digest, pp 551-554, 2001	—
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AL		Betrisay, C., et al., "Displaced Filtering for Patterned Displays, SID Symp. Digest, 296-299, 1999	—
AL		Carvajal, D., "Big Publishers Looking Into Digital Books," The NY Times, 4/3/2000, Business/ Financial Desk	—
AL		Gibson, S., "Sub-Pixel Rendering: How It works," Gibson Research Corp., <a href="http://www.grc.com/ctwhat.html">http://www.grc.com/ctwhat.html</a>	—
AL		Microsoft Corp. website, <a href="http://www.microsoft.com/typography/cleartype">http://www.microsoft.com/typography/cleartype</a> , 7 pages	—
AL		Microsoft press release, "Microsoft Research Announces Screen Display Breakthrough at COMDEX/Fall '98; ...15 Nov. 1998	—
AL		Murch, M., "Visual Perception Basics," SID Seminar, 1987, Tektronix Inc, Beaverton Oregon	—

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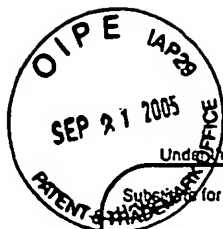


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AL.		"ClearType magnified", Wired Magazine, 11/8/99, Microsoft Typography, article posted 11/8/99, last updated 1/27/99 1 page	—
AL.		Credelle, Thomas, "P-00: MTF of High-Resolution PenTile Matrix Displays", Eurodisplay 02 Digest, 2002 Pages 1-4	—
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AL.		Johnston, Stuart, "Clarifying ClearType," InformationWeek Online, Redmond WA, 01/04/99, 4 pages	—
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AL.		Klompenshouwer, Michiel, "Subpixel Image Scaling for Color Matrix Displays, SID Symp. Digest, 05/02, pp 176-179	—
AL.		Markoff, John, "Microsoft's Cleartype Sets Off Debate on Originality, NY Times, 12/7/98, 5 pages	—

Examiner Signature	<i>Ant Caschera</i>	Date Considered	11/21/05
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Attorney Docket Number	CLRV-003

Sheet	10	of	10
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Ac		"Microsoft ClearType," website, 03/26/03, 4 pages	—
Ac		Platt, John, "Optimal Filtering for Patterned Displays, IEEE Signal Processing Letters, 2000, 4 pages	—
Ac		Poor, Alfred, "LCDs: The 800-pound Gorilla," Information Display, Sep 2002, pp 18-21	—
Ac		Werner, Ken, "OLEDs, OLEDs, Everywhere....," Information Display, Sep 2002, pp 12-15	—

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